

GENERAL NOTES:

Posts shall be W150x13.5, cut to length and drilled as indicated hereon and galvanized in accordance with AASHTO M 111.

Beam sections, all necessary hardware, and their installation shall be in accordance with applicable Standard Road Plans and current Standard and Supplemental Specifications.

Steel post use is limited to the following:

As detailed on Standard Road Plan RE-37 for connecting to RCB culvert tops.

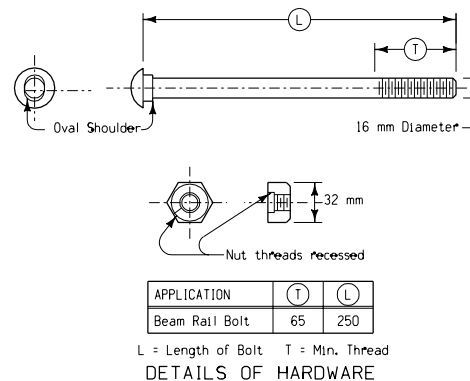
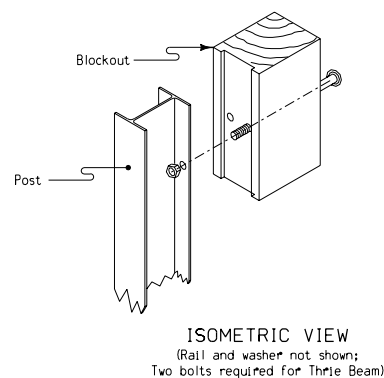
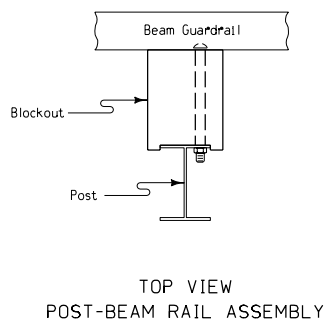
As detailed on Detail Sheet 540-14 for attaching guardrail to intake tops.

Where rock is encountered on normal beam guardrail post installation.

When driving a wood post is not practical.

Steel posts used as part of the systems detailed on Standard Road Plan RE-37 or Detail Sheet 540-14 are considered incidental to the respective bid item for each system.

- ① Thrie Beam guardrail, spacer block, and post to be attached with two Beam Rail Bolts.
- ② W-Beam guardrail, spacer blocks and post to be attached with one Beam Rail Bolt.
- ③ Optional for handling during galvanizing. All holes 20 millimeter diameter.
- ④ Post length 1830 millimeters when used in place of wood post on normal beam guardrail installation.
- ⑤ Holes on standard steel post by supplier.
- ⑥ Holes to be drilled by contractor or supplier to accommodate wood thrie beam blockout. Holes shall be drilled as indicated.



All dimensions given in millimeters unless noted.

METRIC VERSION		Iowa Department of Transportation Highway Division	
		STANDARD ROAD PLAN	RE-12C
		REVISION: Deleted paragraph from General Notes to clarify beam guardrail bid item.	REVISION NO. 7
		APPROVED BY: <i>Mitchell J. Silliman</i> 12-05-00 DESIGN METHOD ENGINEER	REVISION DATE 04-03-01
		STEEL GUARDRAIL POST AND WOOD BLOCKOUTS	